

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------------------|------------------|---------|---------------------|
| L1 | 1 | "20010022495" | US-PGPUB; USPAT | OR | ON | 2008/06/22 08:43 |
| L2 | 15 | "2000017257" "05214338" "529956" | EPO; JPO; DERWENT | OR | ON | 2008/06/22 08:46 |
| L3 | 596 | ("B.sub.5" near10 "O. sub.9") 252/301.4H. ccls. | US-PGPUB; USPAT | OR | ON | 2008/06/22 09:25 |
| L4 | 6 | ("B.sub.5" near10 "O. sub.9") and 252/301.4H.ccls. | US-PGPUB; USPAT | OR | ON | 2008/06/22 09:25 |
| L5 | 4 | 252/301.4H.ccls. and (chloroborate bromoborate fluroborate iodoborate (borate near3 (chloro iodo fluoro bromo Cl I. u/c. Br F))) | US-PGPUB; USPAT | OR | ON | 2008/06/22 09:29 |
| L6 | 17 | 252/301.4H.ccls. and (haloborate chloroborate bromoborate fluroborate iodoborate (borate near3 (chloro iodo fluoro bromo Cl I. u/c. Br F halide halo))) | US-PGPUB; USPAT | OR | ON | 2008/06/22 09:30 |
| S3 | 26 | "B.sub.5" near2 "O. sub.9" near3 (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:45 |
| S4 | 26 | ("B.sub.5" near2 "O. sub.9") same (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:26 |
| S5 | 30 | ("B.sub.5" near2 "O. sub.9") | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:39 |
| S6 | 4 | S5 not S4 | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:27 |
| S7 | 1 | "20050179364" | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:28 |
| S8 | 363 | (alkal\$3 near3 earth near3 metal near3 boric) | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:28 |
| S9 | 3 | (alkal\$3 near3 earth near3 metal near3 boric) with phosphor | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:30 |

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| S10 | 3 | (alkal\$3 near3 earth near3 boric near3 (halide halogen)) with phosphor | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:32 |
| S11 | 3 | (alkal\$3 near5 earth near5 boric near5 (halide halogen)) with phosphor | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:33 |
| S12 | 21 | (alkal\$3 near5 earth near5 boric near5 (halide halogen)) | US-PGPUB; USPAT | OR | ON | 2007/12/04 23:34 |
| S13 | 38 | (alkal\$3 near5 boric near5 (halide halogen)) | US-PGPUB; USPAT | OR | ON | 2007/12/07 15:59 |
| S14 | 0 | "B5O9" and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:42 |
| S15 | 19 | (alkal\$3 near5 boric near5 (halide halogen)) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:40 |
| S16 | 0 | ("B5" near2 "O9") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:43 |

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| | | compound substance structure element layer film member))) | | | | |
| S17 | 0 | ("B5O9") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:43 |
| S18 | 0 | ("B5 O9") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:44 |

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| S19 | 0 | ("B5" near5 "O9") and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:44 |
| S20 | 28 | (boric with (halogen halide)) and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2007/12/04 23:49 |
| S21 | 8 | 313/484-487.ccls. and (F Cl Br I) and (Mn Fe Cr Sn) and (Ca Ba Mg Sr) and ("B.sub.5") | US-PGPUB; USPAT | OR | ON | 2007/12/05 09:45 |
| S22 | 1 | "20050116240" | US-PGPUB; USPAT | OR | ON | 2007/12/05 11:57 |
| S23 | 555 | 252/301.4H.ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:55 |
| S24 | 10 | 252/301.4H.ccls. and "B.sub.5" | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:43 |

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| S25 | 1 | 252/301.4H.ccls. and ((barium calcium magnesium strontium) near5 borate near5 (halide halogen chloro iodo bromo fluoro)) | US-PGPUB; USPAT | OR | ON | 2007/12/05 14:27 |
| S26 | 11 | 252/301.4H.ccls. and (haloborate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:43 |
| S27 | 2 | "60157099" | EPO; JPO; DERWENT | OR | ON | 2007/12/05 12:48 |
| S30 | 2 | 252/301.4H.ccls. and (chloroborate bromoborate fluoborate iodoborate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 13:16 |
| S31 | 4 | 252/301.\$ccls. and (chloroborate bromoborate fluoborate iodoborate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 14:14 |
| S38 | 18 | 252/301.\$ccls. and (chloro\$borate bromo \$borate fluoro\$borate iodo\$borate hali \$borate halo\$borate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 14:26 |
| S39 | 4 | 252/301.\$ccls. and ((barium calcium magnesium strontium) near5 borate near5 (halide halogen chloro iodo bromo fluoro)) | US-PGPUB; USPAT | OR | ON | 2007/12/05 14:38 |
| S40 | 0 | ("2988516").URPN. | USPAT | OR | ON | 2007/12/05 14:37 |
| S41 | 3 | 252/301.\$ccls. and ((barium Ba Ca Mg Sr calcium magnesium strontium) near5 borate near5 (Br bromide iodide bromine iodine I Chloride chlorine fluoride fluorine)) | US-PGPUB; USPAT | OR | ON | 2007/12/05 14:40 |
| S42 | 77 | 252/301.\$ccls. and ((barium Ba Ca Mg Sr calcium magnesium strontium) same borate same (Br bromide iodide bromine iodine I Chloride chlorine cl f fluoride fluorine)) | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:07 |

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| S44 | 29 | 313/484-487.ccls. and ((barium Ba Ca Mg Sr calcium magnesium strontium) same borate same (Br bromide iodide bromine iodine I Chloride chlorine cl f fluoride fluorine)) | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:33 |
| S45 | 32 | 252/301.4H.ccls. and "B.sub.2" | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:43 |
| S46 | 11 | 252/301.4H.ccls. and (halo\$borate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 19:43 |
| S47 | 16 | 252/301.\$ccls. and (haloborate) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:54 |
| S48 | 2 | ("3431216").URPN. | USPAT | OR | ON | 2007/12/05 20:41 |
| S49 | 26 | "B.sub.5" with "O.sub.9" with (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:49 |
| S50 | 1 | "B.sub.5O.sub.9" with (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:50 |
| S51 | 1 | "B.sub.5O.sub.9" same (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:50 |
| S52 | 2 | "B.sub.5O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:50 |
| S53 | 29 | "B.sub.5 O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:52 |
| S56 | 0 | ".sub.2 B.sub.5 O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:52 |
| S57 | 0 | ".sub.2B.sub.5 O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:52 |
| S58 | 0 | ".sub.2B.sub.5 O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:52 |
| S59 | 0 | ".sub.2B.sub.5O.sub.9" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:52 |
| S60 | 0 | "B.sub.5O.sub.9F" "B.sub.5O.sub.9I" "B.sub.5O.sub.9Br" "B.sub.5O.sub.9Cl" | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:53 |
| S61 | 54 | 252/301.4H.ccls. and (borate boric) | US-PGPUB; USPAT | OR | ON | 2007/12/05 20:55 |
| S62 | 26 | ("B.sub.5" near2 "O.sub.9") same (F Cl Br I) | US-PGPUB; USPAT | OR | ON | 2007/12/06 23:01 |
| S63 | 66 | borate and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element))) | EPO; JPO; DERWENT | OR | ON | 2007/12/06 23:14 |

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| S64 | 59 | boric and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element))) | EPO; JPO; DERWENT | OR | ON | 2007/12/06 23:18 |
| S65 | 1 | (halo\$borate fluoro \$borate chloro\$borate iodo\$borate bromo \$borate) and (LED.u/c. (light near3 (emitting emissive emission emitter) near3 (diode device element))) | EPO; JPO; DERWENT | OR | ON | 2007/12/06 23:29 |
| S66 | 7 | (halo\$borate fluoro \$borate chloro\$borate iodo\$borate bromo \$borate) and (light near3 (emitting emissive emission emitter)) | EPO; JPO; DERWENT | OR | ON | 2007/12/07 00:02 |
| S67 | 1602 | (UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) | US-PGPUB; USPAT | OR | ON | 2007/12/07 00:03 |
| S68 | 6283 | (UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) adn 313/484-489.ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/07 00:03 |
| S69 | 47 | (UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and 313/484-489.ccls. | US-PGPUB; USPAT | OR | ON | 2007/12/07 00:04 |
| S70 | 376 | (UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride | US-PGPUB; USPAT | OR | ON | 2007/12/07 00:05 |
| S71 | 1207786 | (UV ultra\$violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride adn IN and Ga | US-PGPUB; USPAT | OR | ON | 2007/12/07 00:05 |

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| S72 | 125 | (UV ultra\$ violet (ultra near3 violet)) and ((fluorescent near3 lamp) same LED.u/c.) and semi\$conduct\$3 and nitride and (in with Ga) | US-PGPUB; USPAT | OR | ON | 2007/12/07 23:09 |
| S73 | 1 | "20040043637" | US-PGPUB; USPAT | OR | ON | 2007/12/07 11:58 |
| S74 | 3 | "2000044277" | EPO; JPO; DERWENT | OR | ON | 2007/12/07 16:00 |
| S75 | 1676 | (UV ultra\$ violet (ultra near3 violet)) and (LED.u/c.) and semi \$conduct\$3 and nitride and (in with Ga) | US-PGPUB; USPAT | OR | ON | 2007/12/07 23:09 |
| S76 | 1 | (UV ultra\$ violet (ultra near3 violet)) and (LED.u/c.) and semi \$conduct\$3 and nitride and (in with Ga) | EPO; JPO; DERWENT | OR | ON | 2007/12/07 23:10 |
| S77 | 28 | (UV ultra\$ violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) | EPO; JPO; DERWENT | OR | ON | 2007/12/07 23:14 |
| S78 | 1388 | (UV ultra\$ violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) | US-PGPUB; USPAT | OR | ON | 2007/12/07 23:14 |
| S79 | 840 | (UV ultra\$ violet (ultra near3 violet)) and (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) and (fluorescen\$3 luminescen\$3 phosphor fluorophor) | US-PGPUB; USPAT | OR | ON | 2007/12/07 23:14 |
| S80 | 471 | ((UV ultra\$ violet (ultra near3 violet)) same (LED.u/c.) and (semi \$conduct\$3 same nitride same (indium in) same (gallium Ga)) and (fluorescen\$3 luminescen\$3 phosphor fluorophor) | US-PGPUB; USPAT | OR | ON | 2007/12/07 23:15 |

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| S81 | 1 | "20050179364" | US-PGPUB; USPAT | OR | ON | 2008/06/21 00:40 |
| S82 | 26 | ("B.sub.5" near10 "O. sub.9" near10 (Br F Cl)) and (luminescen\$3 cathod\$luminescen\$3 photo\$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | US-PGPUB; USPAT | OR | ON | 2008/06/21 00:52 |
| S83 | 26 | ("B.sub.5" near10 "O. sub.9" near10 (Br F I Cl)) and (luminescen\$3 cathod\$luminescen\$3 photo\$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | US-PGPUB; USPAT | OR | ON | 2008/06/21 00:52 |
| S84 | 26 | ("B.sub.5" near10 "O. sub.9" near10 (Br F I Cl)) | US-PGPUB; USPAT | OR | ON | 2008/06/21 01:06 |

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| S85 | 42 | haloborate and (luminescen\$3 cathod \$luminescen\$3 photo \$emission photo \$emissive photo\$emitt \$3 photo\$luminescen \$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light \$emissive light \$emitting light \$emission ((luminous (light near3 (emissive emitting emission))) near3 (region material composition matter compound substance structure element layer film member))) | US-PGPUB; USPAT | OR | ON | 2008/06/21 01:06 |
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